

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. **(currently amended):** A method for regenerating an NO<sub>x</sub> removal catalyst employed in a flue gas NO<sub>x</sub> removal apparatus, characterized in that the method consists of a regeneration step of immersing the NO<sub>x</sub> removal catalyst in the form of a columnar honeycomb structure, with bubbling from the NO<sub>x</sub> removal catalyst, from 1 to 30 minutes at ambient temperature in regeneration water containing substantially no chlorine, and no cleaning component and no other additives; removing the catalyst from the regeneration water; and removing water from the catalyst; and a treatment step including treating the regeneration water which has been employed in the regeneration step in an ordinary wastewater treatment facility without performing a heavy metal treatment step on regenerating water.

2. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 1, wherein the NO<sub>x</sub> removal catalyst is immersed in regeneration water until bubbling stops and, subsequently, removed from the regeneration water.

3. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst employed in a flue gas NO<sub>x</sub> removal apparatus, characterized in that the method consists of a regeneration step of immersing the NO<sub>x</sub> removal catalyst in the form of a columnar honeycomb structure, with bubbling from the NO<sub>x</sub> removal catalyst, from 1 to 30 minutes at ambient temperature in regeneration water containing substantially no chlorine and no cleaning component; removing the catalyst from the regeneration water; washing with water the NO<sub>x</sub>

removal catalyst removed from the regeneration water; and removing water from the catalyst; and a treatment step including treating the regeneration water which has been employed in the regeneration step in an ordinary wastewater treatment facility without performing a heavy metal treatment step on the regenerating water.

4. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 3, wherein the NO<sub>x</sub> removal catalyst is immersed in regeneration water until bubbling stops and, subsequently, removed from the regeneration water.

5. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 1, wherein the regeneration water which has been used in the regeneration step is treated in the treatment step after it is repeatedly used, without undergoing any treatment, a plurality of times in a regeneration step for regenerating another NO<sub>x</sub> removal catalyst.

6. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 2, wherein the regeneration water which has been used in the regeneration step is treated in the treatment step after it is repeatedly used, without undergoing any treatment, a plurality of times in a regeneration step for regenerating another NO<sub>x</sub> removal catalyst.

7. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 3, wherein the regeneration water which has been used in the regeneration step is treated in the treatment step after it is repeatedly used, without undergoing any treatment, a plurality of times in a regeneration step for regenerating another NO<sub>x</sub> removal catalyst.

8. **(previously presented):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 4, wherein the regeneration water which has been used in the regeneration step is treated in the treatment step after it is repeatedly used, without undergoing any treatment, a plurality of times in a regeneration step for regenerating another NO<sub>x</sub> removal catalyst.

9. **(currently amended):** A method for regenerating an NO<sub>x</sub> removal catalyst employed in a flue gas NO<sub>x</sub> removal apparatus, characterized in that the method consists of a regeneration step of immersing the NO<sub>x</sub> removal catalyst in the form of a columnar honeycomb structure, with bubbling from the NO<sub>x</sub> removal catalyst, from 1 to 30 minutes at ambient temperature in regeneration water containing substantially no chlorine and no cleaning component and no other additives; removing the catalyst from the regeneration water; and removing water from the catalyst; a treatment step including treating the regeneration water which has been employed in the regeneration step in an ordinary wastewater treatment facility without performing a heavy metal treatment step on regenerating water; wherein the method further consists of installing the NO<sub>x</sub> removal catalyst having been regenerated in the flue gas NO<sub>x</sub> removal apparatus without drying the catalyst before installation.

10. **(currently amended):** A method for regenerating an NO<sub>x</sub> removal catalyst employed in a flue gas NO<sub>x</sub> removal apparatus, characterized in that the method consists of a regeneration step of immersing the NO<sub>x</sub> removal catalyst in the form of a columnar honeycomb structure, with bubbling from the NO<sub>x</sub> removal catalyst, from 1 to 30 minutes at ambient temperature in regeneration water containing substantially no chlorine and no cleaning component and no other additives; removing the catalyst from the regeneration water; and removing water from the catalyst; a treatment step including treating the regeneration water which has been employed in the regeneration step in an ordinary wastewater treatment facility without performing a heavy metal treatment step on regenerating water; and installing the NO<sub>x</sub> removal catalyst having been regenerated in the flue gas NO<sub>x</sub> removal apparatus after catalytic performance of the regenerated NO<sub>x</sub> removal catalyst is assessed.

**11. (original):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 9, wherein the NO<sub>x</sub> removal catalyst having been regenerated is installed in the flue gas NO<sub>x</sub> removal apparatus after catalytic performance of the regenerated NO<sub>x</sub> removal catalyst is assessed.

**12. (currently amended):** A method for regenerating an NO<sub>x</sub> removal catalyst employed in a flue gas NO<sub>x</sub> removal apparatus, characterized in that the method consists of a regeneration step of immersing the NO<sub>x</sub> removal catalyst in the form of a columnar honeycomb structure, with bubbling from the NO<sub>x</sub> removal catalyst, from 1 to 30 minutes at ambient temperature in regeneration water containing substantially no chlorine and no cleaning component and no other additives; removing the catalyst from the regeneration water; and removing water from the catalyst; a treatment step including treating the regeneration water which has been employed in the regeneration step in an ordinary wastewater treatment facility without performing a heavy metal treatment step on regenerating water; and installing the regenerated NO<sub>x</sub> removal catalyst in the flue gas NO<sub>x</sub> removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.

**13. (original):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 9, wherein the regenerated NO<sub>x</sub> removal catalyst is installed in the flue gas NO<sub>x</sub> removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.

**14. (original):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 10, wherein the regenerated NO<sub>x</sub> removal catalyst is installed in the flue gas NO<sub>x</sub> removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.

**15. (original):** A method for regenerating an NO<sub>x</sub> removal catalyst according to claim 11, wherein the regenerated NO<sub>x</sub> removal catalyst is installed in the flue gas NO<sub>x</sub> removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.